

Our Energy Future

Southern California Energy Conference

Friday, March 10, 2006

SPEAKER PROFILES



Dr. Roger Bezdek is President of Management Information Services, Inc. He has 30 years experience in research and management in the energy, utility, environmental, and regulatory areas, serving in private industry, academia, and the federal government, and is the founder and president of Management Information Services, Inc. – a Washington, D.C.-based economic and energy research firm. He has served as Corporate Director, Corporate President and CEO, University Professor, Research Director in ERDA/DOE, Special Advisor on Energy in the Office of the Secretary of the Treasury, U.S. energy delegate to the European Community and to the North Atlantic Treaty Organization, and as a participant in the State Department AMPART program. He has served as a consultant to the White House, Federal and state government agencies, and various

corporations and research organizations, including the National Academies of Science, the National Science Foundation, NASA, DOE, DOD, EPA, IBM, Raytheon, Lockheed Martin, Commonwealth Edison, Eastman Kodak, Washington Gas Co., American Management Association, ICF, A.D. Little, National Energy Technology Laboratory, Electric Power Research Institute, Edison Electric Institute, National Coal Council, and Nuclear Energy Institute. During 2003/04, he served on the select Federal Task Force charged with rebuilding the economy of Iraq and is currently serving as a member of the joint U.S. National Academies of Science/Chinese Academy of Sciences Committee on Energy Futures and Air Pollution in Urban China and the United States.

Dr. Bezdek received his Ph.D. in Economics from the University of Illinois (Urbana), is an internationally recognized expert in energy market analysis, RandD assessment, and energy forecasting. He is the author of four books and of 200 articles in scientific and technical journals and serves as an editorial board member and peer-reviewer for various professional publications. He is the recipient of numerous honors and awards (including awards from the White House, the Energy Department, the Treasury Department, the National Science Foundation, the *Wall Street Journal*, the Association for Computing Machinery, and the USSR Academy of Sciences), has served as a U.S. representative to international organizations on energy and environmental issues, and lectures frequently on energy research issues, economic forecasting, energy, and environmental topics.

Hon. Debbie Cook has served five years on the Huntington Beach City Council, serving as Mayor in 2002. She has served on many regional boards including SCAG's Regional Council, SanDAG Borders Committee, Orange County Sanitation District, County of Orange Harbors, Beaches and Parks Commission, Pacific Cable Television Authority, State of California Desalination Task Force, and League of California Cities Administrative Policy Committee. She is currently serving as First Vice President for the Orange County Division of the League of California Cities.

Ms. Cook holds a Bachelor of Science degree in Earth Science from Cal State Long Beach, a Jurisdoctorate from Western State College of Law, and a license



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to practice law in California. She is also a graduate of the Kennedy School of Government National Preparedness Leadership Initiative and the southern California Leadership Network.

Ms. Cook is a 40-year resident of Orange County. Prior to her election, she served on the Bolsa Chica Land Trust legal team that set precedent in protecting coastal habitats. She also made history in Huntington Beach in 1990 by successfully qualifying a Charter Amendment that protects public beach and park land from sale, lease, or commercialization without voter approval.



Julian Darley is the founder of Global Public Media and the founder and director of Post Carbon Institute. He has an eclectic education: an MSc in Environment and Sociology from University of Surrey, UK, which led to a published thesis examining the coverage of complex environmental issues in the foremost radio current affairs programmes at the BBC; he also has an MA in Journalism and Communications from the University of Texas at Austin, culminating in a thesis about the elimination of television; and a BA in Music and Russian, which led to being a classical music critic, followed strangely enough, by working on, and eventually directing, rock videos and becoming a script doctor in Hollywood. In pursuit of better understanding the kind of hydrocarbon trap we are in, Mr. Darley is the author of *High Noon for Natural Gas: the New Energy Crisis* about the

natural gas crisis building in North America and a growing number of other industrialized nations. He has collaborated on another book with Celine Rich and Dave Room on how and why we need global relocalization of economy, society, and culture.

Post Carbon Institute is an educational and research institute and think-tank that explores responses to living in a low energy world. The institute is based on the assumption that the availability of hydrocarbon energy in the world in the form of oil and gas is declining and that maintaining extraction levels of these energy sources is now becoming problematic. Post Carbon Institute aims to develop ways of living within our solar ration.

Global Public Media was formed to help existing public service information organizations give a broader, deeper, and more interactive public information service on a range of topics. Global Public Media is now best known for its interviews with the pioneers of peak oil and gas.

Jeremy Gilbert is the recently retired Chief Petroleum Engineer from British Petroleum (BP) where he was responsible for the company's worldwide petroleum engineering performance and associated research and development program. He joined BP in 1964, worked as production engineer in Libya and then helped introduce the new technique of reservoir simulation into BP. From 1979, he supervised BP's North Sea reservoir engineering and later managed all BP's UK petroleum and reservoir engineering activities. In subsequent posts, he worked on a range of staff development, equity and major legal issues in London, Houston and Anchorage.



Mr. Gilbert is now Managing Director of Barrelnore Ltd., a company providing technical audit and training support to the oil industry worldwide.

Mr. Gilbert has been Chairman of Heriot-Watt University's (Edinburgh) Industrial Advisory Board, a member of Imperial College's (London) and of the University of Alaska's Industrial Advisory Boards, and external examiner for Masters' courses at Robert Gordon's University (Aberdeen) and Heriot-Watt Universities. He has also occupied several significant posts in the Society of Petroleum Engineers, including that of Chairman of the London Section.

Mr. Gilbert was born and educated in Ireland and received his moderatorship in mathematics from Dublin University. He has a lifetime of experience in the oil industry and adds to the increasing wave of credibility for peak oil followers.



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Dan Griset joined the MWD board in February 2005 and represents the City of Santa Ana. As a MWD board member, Mr. Griset is Vice Chair of the Communications and Legislation Committee and is a member of the Budget, Finance, Investment and Insurance Committee; Emergency Preparedness Committee; Audit Committee and the Education and Outreach Committee.

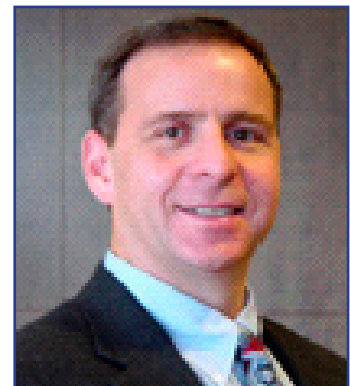
Mr. Griset is the former president and director of Orange County Water District (1992-1999), former Commissioner of the Santa Ana Watershed Project Authority (1996-1999) and current director of the Los Angeles and San Gabriel Rivers Watershed Council.

Mr. Griset is the water affairs staff leader for the Southern California Association of Governments and founding Principal of the Griset Insurance Group, a brokerage firm assisting privately-held businesses and individuals with employee benefit plans and other insurance risk management programs. He is also a member of the Society of Financial Service Professionals.

Mr. Griset was the former Mayor, Councilmember and Planning Commissioner of Santa Ana. He also served as Director of Orange County Sanitation Districts, Chair and Commissioner of the Orange County Transportation Commission, Director of the Orange County Transit District, Director and Advisor of the National League of Cities and the Director of the Orange County Life Underwriters Association.

Mr. Griset graduated from the University of California, Berkeley with a B.A. in History and holds a Masters of International Affairs from the Fletcher School of Law and Diplomacy, Tufts/Harvard Universities.

Dr. Michael Pacheco joined the National Renewable Energy Laboratory (NREL) in January of 2003 to serve as the Director of the National Bioenergy Center (NBC). The NBC was established by the Secretary of the U.S. Dept. of Energy (DOE) in 2000 and is headquartered at NREL. As Center Director, Dr. Pacheco provides strategic guidance, technical direction, and management oversight of the NBC. In addition to line management responsibility at NREL, Dr. Pacheco is also responsible for coordinating bioenergy research activities supported by DOE and carried out at 5 DOE Laboratories: NREL, Oak Ridge National Laboratory, Pacific Northwest National Laboratory, Idaho National Energy and Environmental Laboratory, and Argonne National Laboratory.



Dr. Pacheco joined NREL from Louisiana-Pacific Corp., where he served as Manager of Oriented Strand Board Technology and Product Quality and a Corporate Engineering Fellow for four years in Portland, Oregon. Before joining Louisiana-Pacific, Dr. Pacheco was a Vice President at Energy BioSystems Corp. in Houston, Texas, where he led process development efforts to commercialize a bio-catalytic process for desulfurizing petroleum diesel and gasoline. Prior to Energy Biosystems Corp., Dr. Pacheco held numerous supervisory positions in research and development during 16 years in the petrochemical industry, working for Amoco Oil Corp. and Conoco Oil Co. He earned a Ph.D. in chemical engineering from the University of California at Berkeley, and a B.S. in chemical engineering from Clarkson University in Potsdam, New York.



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Michael Peevey was appointed President of the California Public Utilities Commission (PUC) by Governor Gray Davis on December 31, 2002. Mr. Peevey was originally appointed to the PUC as a Commissioner by Governor Davis on March 5, 2002. His term expires at the end of 2008.

Mr. Peevey is dedicated to establishing the PUC as a leader among state regulatory agencies and making the PUC a strong and effective regulator on behalf of the citizens and businesses of California.

As President of the PUC, Mr. Peevey works to protect the public interest by promoting ratepayer and consumer needs, while challenging utilities to embrace new technologies and provide safe, high-quality services.

Mr. Peevey is committed to maximizing energy efficiency and demand response opportunities and ensuring that California's environment is protected. He is also a strong supporter of renewable energy and renewable procurement requirements for utilities.

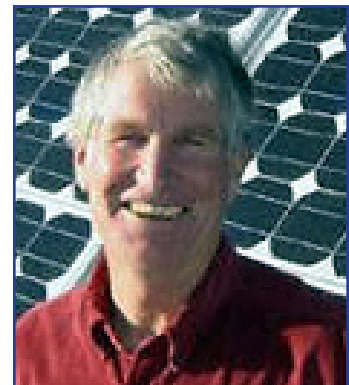
Mr. Peevey has made it a priority to work closely with sister agencies, such as the California Department of Water Resources, the Independent System Operator, the California Energy Commission, and the California Power Authority – agencies in which the PUC has overlapping or complementary responsibilities, to assure that California has adequate energy resources and transmission facilities to support its growing population and improving economy.

From 1995 until 2000, Mr. Peevey was President of NewEnergy Inc., then the nation's largest energy service provider. Prior to that, Mr. Peevey was President of Edison International and Southern California Edison Company from August 1990, through March 1993, and a senior executive there beginning in 1984. Mr. Peevey has served on the boards of several corporations and non-profit organizations.

He was awarded the Pat Brown Legacy Award in 2003, and named "Man of the Year" by the Power Association of Northern California and recognized with the Climate Action Champion Award by the California Climate Action Registry in 2004.

Mr. Peevey holds both a Bachelor and Master of Arts degree in economics from the University of California, Berkeley.

Randy Udall has directed the Community Office for Resource Efficiency (CORE), a nonprofit organization in western Colorado, since 1994. Mr. Udall lectures widely on the big energy picture, including keynote presentations at numerous renewable energy conferences. CORE promotes renewable energy and energy efficiency in partnership with Holy Cross Energy, a rural electric utility serving 50,000 customers. Holy Cross leads U.S. utilities in the percentage of its customers who buy wind power, and its renewable energy and energy efficiency programs will keep one billion pounds of greenhouse gases out of the atmosphere over the next 20 years.



In 1998, CORE started the first "solar production incentive" program in the United States; the program pays customers who install PV systems 25¢/kilowatt-hour for their energy. In 2000, CORE started the world's first Renewable Energy Mitigation Fund, which has collected \$3,000,000 in building permit fees to install renewable energy systems. Articles about CORE's work have recently appeared in *Public Power*, the *New York Times*, *Christian Science Monitor*, *Environmental Building News*, the *Denver Post* and *Rocky Mountain News*.

Randy Udall is a co-founder of the Association for the Study of Peak Oil and Gas – USA, a non-profit, non-partisan research and public education initiative to address America's peak oil energy challenge by encouraging prudent energy management, constructive community transformation, and cooperative initiatives in an era of depleting petroleum resources.



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